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German Democratic Republic

PRODUCTION OF SYNTHETIC FIBERS IN THE GDR

25X1 The Five-Year Plan calls for an expansion of the rayon and cellulose industries. The development of the synthetic fiber industry can be seen from the following table (quantities are given in tons):

	Production		Quota	
	1950	1951	1952	1955
Textiles	approx. 101,000	110,000	-	170,000
Spun Rayon "B" / cotton type	36,500	33,526.6	34,260	126,800
Spun Rayon "W" / wool type	48,500	51,824.4	53,000	
Rayon (artificial silk)	9,400	13,305.4	16,280	34,500
Perlon	460	856	1,260	4,000

25X1 Difficulties in production are encountered because of shortages ^{of} needed chemicals, e.g. sulfuric acid and caustic soda.

The GDR is experimenting with synthetic fibers made from inorganic minerals, as for instance PC, Perlon and Orlon. The basic material for Perlon fibers is primarily black-coal phenol. Orlon fibers are not yet ready to be produced.

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Next 1 Page(s) In Document Exempt